



# Pushpanjali

## Senior Molecular Scientist



Bangalore, India



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## About me

- 2 years work experience as molecular biologist
- A versatile Biotechnology post graduate with specialization in plants
- Recognized for smart handling of instruments and accuracy in measurement

## Skills

Sanger Sequencing

PCR

RAPD, SNP, Allele Specific, AFLP

Primer Designing

Tissue Culture

Barcode

DNA, RNA, Plasmid Isolation

Library Preparation

## Objective

Learn new things every day and simultaneously add value to the organization. Seeking long term growth in a position where I can utilize my extensive expertise for mutual growth.

## Experience

2018-2020 *Biokart India Private Limited, Bangalore*

Full Time

The responsibilities include:

- *DNA & RNA extraction* from various samples including human ones
- Performing entire *Sanger Sequencing* which include *QC of sample, PCR, Purification* (column/gel extraction), Loading Samples into the sequencer, *Gel Electrophoresis, Sequence Analysis*
- SOPs manual preparation and Data/Report submission to the clients
- Preparation of *PCR purification kit* and *DNA extraction kit*
- Query resolution & reaching out to clients for specific requirements

2014-2015 *Mahavir Cancer Sansthan*

Training

Hands on experience in performing the following tests:

- *Liver function tests* like Bilirubin Test, SGPT and SGOT
- *Kidney function tests*: Creatinine Test, Urea Test and Uric Acid Test
- Hemoglobin Test, Cholesterol Test and Glucose Test
- RBC, WBC and Sperm Count and determination of blood groups

2017-2018 *Banaras Hindu University*

Project

- Did morphological and biochemical characterization of cellulolytic enzyme by *Aspergillus niger* from humus of paddy field
- Collected various *morphological readings* and examined *cellulase activity* of cellulolytic enzyme by *Aspergillus niger* at various temperature, incubation period and nitrogen sources.

## Education

2016-2018 Masters

Banaras Hindu University

Completed Master of Science degree in Biotechnology with overall GPA of 8.05

2013-2016 Bachelors

Patna Science Collage

Completed Bachelors of Science degree in Biotechnology with distinction

2010-2012 Senior Secondary

DAV Public School

Obtained 75% with Physics, Chemistry, Biology, English and Physical Education

## Other Information

- Proficient in English, Hindi and Maithili
- Avid supporter of environmental conservation
- An excellent cook and love cooking